AMSAT News Service Weekly Bulletins
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SB ALL @ AMSAT $ANS-332.01
MICROSAT-UOSAT LAUNCH CAMPAIGN BEGINS THIS WEEK

HR AMSAT NEWS SERVICE BULLETIN 332.01 FROM AMSAT HQ
SILVER SPRING, MD NOVEMBER 28,1989
TO ALL RADIO AMATEURS BT

MICROSAT - UOSAT LAUNCH CAMPAIGN TO BEGIN THIS WEEK

With the launch of six OSCAR satellites a little over one month away, AMSAT-NA and the University of Surrey will be dispatching the first teams of engineers and technicians to the European Space Agency launch site in Kourou, French Guiana beginning on Friday of this week. Other support personnel including Jose Macho, LU7JCN of AMSAT Argentina and Dr. Junior DeCastro, PY2BJO of AMSAT Brazil will be travelling to the jungle launch site in support of their payload activities as well. In all, a total of three separate teams of personnel will be travelling to Kourou during the month of December on behalf of AMSAT-NA and the Microsat project.

Activities related to the preparation of the six OSCAR satellites for their trip to low earth orbit have been accelerated over the past several weeks. During the Thanksgiving weekend a small team including W3GEY, N4HY, WT0M, Jeff Zerr and others worked on various software and hardware issues at the AMSAT Boulder, Colorado lab. The team reports that good progress was made on the AMSAT-NA PACSAT and the AMSAT Argentina LUSAT packet store-and-forward spacecraft as well as the BRAMSAT Digital Orbiting Voice Encoder spacecraft, DOVE during the weekend session. Reports from the University of Surrey indicate that last minute preparations of the UOSAT D&E spacecraft are also progressing smoothly.

In addition to the Thanksgiving weekend activities, earlier last week technicians at Weber State College in Ogden, Utah performed final check out of the various experiments aboard the Webersat spacecraft. Bob Twiggs, Director of the Center for Aerospace Technology at Weber State reports that all experiments passed final checked out with flying colors. Webersat is the fourth Microsat in the constellation of birds to be launched in January.

The MICROSAT - UOSAT launch now scheduled for January 9th promises to be a truly exciting and momentous event. AMSAT-NA will be announcing the plans for real time coverage of the launch activity and for updated bulletin material during the first few days of life for the six new OSCARs. Stay tuned to the AMSAT HF and VHF Nets and to the AMSAT News Service Bulletins for the latest information surrounding the impending launch of the next generation of OSCAR satellites.

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SB ALL @ AMSAT $ANS-332.02
WB9ANQ APPOINTED AMSAT TECHNICAL COORDINATOR

HR AMSAT NEWS SERVICE BULLETIN 332.02 FROM AMSAT HQ

SILVER SPRING, MD NOVEMBER 28, 1989
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AMSAT Vice President for Operations, Courtney Duncan, N5BF, has appointed Bruce Rahn, WB9ANQ, Technical Coordinator for the Command Station Development Program. He replaces former Command Station Development Program administrator Ralph Wallio, W0RPK, who recently began a well deserved sabbatical from his many AMSAT duties. Bruce has been an active satellite user for several years and has been very active in the Command Station Development Program since its inception early in 1989, conducting technical projects and providing assistance to other team members. All correspondence from current members as well as new inquiries (SASE for information and application) should now be directed to Bruce Rahn, WB9ANQ, 410 Coronado Trail, Enon, Ohio, 45323.

Those already signed up will be hearing from WB9ANQ shortly about continuation and resumption of ongoing activities. For those who are interested in getting started but have not yet applied, program entry level membership has not been closed, nor will it be in the near future. Send an SASE with two units of postage to the address given above for more information and an application.

For further information, see upcoming issues of ASR or the AMSAT-NA Journal.

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SB ALL @ AMSAT $ANS-332.03
W8GUS APPOINTED 75 METER NET CONTROL STATION

HR AMSAT NEWS SERVICE BULLETIN 332.03 FROM AMSAT HQ
SILVER SPRING, MD NOVEMBER 28, 1989
TO ALL RADIO AMATEURS BT

AMSAT Headquarters is pleased to announce the appointment of Ron Long, W8GUS as primary AMSAT 75 Meter East Coast Net control station. Ron will begin his duties in this capacity December 5th, 1989.

For the past year the net control duties for this net have been handled by K4EDU and W4BIW. With both of these stations being located in the deep south, coverage into certain parts of the coverage area of this net, particularly New England, has been spotty at best. AMSAT officials felt that it would be in the best interest of the East Coast Net to locate a primary net control station in a more central location to the region which is to be covered. W8GUS was sought out to serve in this capacity because of his centralized location, strong signal on 75 meters and his background both with the AMSAT organization and professionally having retired as a professor from Ohio State University. K4EDU will serve as back up to W8GUS in the future.

Please join in welcoming W8GUS to his new role by checking into the AMSAT 75 Meter East Coast Net on Tuesday evenings at 9pm EST on a frequency of 3.840 Mhz.

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SB ALL @ AMSAT $ANS-332.04
AMSAT OPERATIONS NET SCHEDULE

HR AMSAT NEWS SERVICE BULLETIN 332.04 FROM AMSAT HQ
SILVER SPRING, MD NOVEMBER 28, 1989
TO ALL RADIO AMATEURS BT

Following is the schedule for Operations Nets for the next several weeks. Note that times may change by up to half an hour depending on the satellite mode switch schedule. Watch ANS and the nets for further information.

Day	UTC	Day U.S.	Freq.	NCS	Guest
09 Dec 89	1445	Saturday	435.970	N5BF	open
16 Dec 89	1830	Saturday	435.970	N5BF	KO5I
30 Dec 89	1415	Saturday	435.970	N5BF	KL7GRF
07 Jan 89	1700	Sunday	435.970	TBD	TBD
20 Jan 90	1400	Saturday	435.970	N5BF	TBD

The 09 December net session will be an open forum.

Doug Loughmiller, KO5I, AMSAT-NA President and General Manager is to be the featured guest on the 16 December.

On 30 December, John Fail, KL7GRF, will be discussing satellite DXing, presenting operating hints and information about the upcoming DXpedition to Bouvet Island.

Mark your calendars now for both of these interesting and informative Operations Net sessions.

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SB ALL @ AMSAT $ANS-332.05
AO-13 OPERATING SCHEDULE

HR AMSAT NEWS SERVICE BULLETIN 332.05 FROM AMSAT HQ
SILVER SPRING, MD NOVEMBER 28, 1989
TO ALL RADIO AMATEURS BT

Here is the current AO-13 transponder operating schedule and Bahn coordinates for the spacecraft following reorientation on November 22 as supplied from AMSAT-DL:

AO13 TRANSPONDER SCHEDULE

MODE B	MA 000 TO MA 110	
MODE JL	MA 110 TO MA 145	
OFF	MA 145 TO MA 150	BAHN LAT 179.4 deg
S BEACON	MA 146 TO MA 147	BAHN LON +3.6 deg
MODE S	MA 147 TO MA 160	
MODE B	MA 150 TO MA 255	
OMNI ANT	MA 225 TO MA 035	

/EX
SB ALL @ AMSAT $ANS-332.06
UPCOMING ZRO TEST SCHEDULE

HR AMSAT NEWS SERVICE BULLETIN 332.06 FROM AMSAT HQ
SILVER SPRING, MD NOVEMBER 28, 1989
TO ALL RADIO AMATEURS BT

The following is a schedule of Mode "B" ZRO tests with a downlink frequency of 145.840 MHz and was chosen for convenient operating times and favorable squint angles:

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            Saturday   December 02, 1989 at 12:40 UTC
            Saturday   December 16, 1989 at 20:00 UTC
            Saturday   December 30, 1989 at 16:00 UTC
            Saturday   January  13, 1990 at 12:00 UTC
            Saturday   January  20, 1990 at 15:30 UTC

Any changes will be announced as soon as possible via the AMSAT
HF/VHF Nets and OSCAR-13 Operations Nets.  ZRO brochures are
available from WA5ZIB, Andy MacAllister, AMSAT V.P. of User
Operations, 14714 Knightsway Drive, Houston, TX 77083 for an
S.A.S.E.  with one unit of postage.


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